



Mail Stop PCT
PATENT
2691-000022/US

IN THE U.S. PATENT AND TRADEMARK OFFICE

APPLICATION. NO.: 10/540,980
APPLICANT: Shinichi TERADA
INTERNATIONAL APPL. NO.: PCT/JP2003/016918
CONF.: 9530
FILED: June 27, 2005
FOR: PORE- OR PARTICLE-SIZE DISTRIBUTION
MEASUREMENT APPARATUS

**RESPONSE TO NOTICE TO FILE MISSING
REQUIREMENTS OF AN APPLICATION**

Customer Service Window
Randolph Building
401 Dulany Street
Alexandria, VA 22314
Mail Stop PCT

August 9, 2006

Sir:

Under the provisions of 37 C.F.R. § 1.494 or 37 C.F.R. § 1.495, attached hereto are the following additional items necessary for entering the national phase in connection with the above-identified PCT international application.

- ☒ Executed Declaration and Power of Attorney.
- ☐ Original ☒ Photocopy
- ☐ The specification attached to the executed Declaration and Power of Attorney is a true copy of the specification which was filed in the U.S. Patent and Trademark Office on , including any amendments thereto (if applicable) filed on even date therewith.
- ☒ The undersigned hereby declares that "Attorney Docket No. 2691-000022/US"

on page 1 of the attached inventors' Declaration corresponds to Appl. No. 10/540,980 filed on June 27, 2005 entitled "PORE- OR PARTICLE-SIZE DISTRIBUTION MEASUREMENT APPARATUS."

☐ English language specification, claims, and Abstract with () sheets of drawings.

☐ Applicant claims small entity status under 37 C.F.R. § 1.27.

☐ Attached is a copy of Form PCT/DO/EO/905.

☐ _____

☐ No extension fee is required because the undersigned has filed the documents within the allotted time given by the Notification of Missing Requirements (Form PCT/DO/EO/905). However, if for some reason it is determined that an extension of time is necessary, applicant hereby respectfully petitions for an extension of time for the filing of the present paper in accordance with the provisions of 37 C.F.R. § 1.136 and 37 C.F.R. § 1.17.

☒ Applicant(s) hereby respectfully petitions for four (4) month(s) extension of time for the filing of the present paper in accordance with the provisions of 37 C.F.R. § 1.136 and 37 C.F.R. § 1.17. The required fee of \$1590.00 is attached hereto.

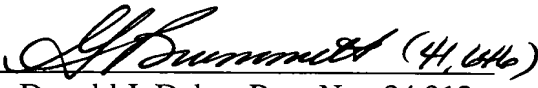
The Government Filing Surcharge in the amount of \$130 in accordance with 37 C.F.R. §§ 1.494 and 1.492 **was previously paid for** concurrently with the filing of the application **on June 27, 2005**.

- ☐ Submitted concurrently herewith **under separate cover** for recording is an Assignment.
- ☐ A Fee of \$0.00 to cover the increase in fees of the filing Surcharge is enclosed.
- ☒ Check(s) in the amount of \$1590.00 to cover the above-mentioned fees is/are enclosed.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 08-0750 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

HARNESS, DICKEY & PIERCE, P.L.C.

By  (41, 646)
Donald J. Daley, Reg. No. 34,313
P.O. Box 8910
Reston, VA 20195
(703) 668-8000

DJD/GPB:ame

Attachments

(Rev. 01/13/05)



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

| | | |
|-----------------------------|-----------------------|------------------|
| U.S. APPLICATION NUMBER NO. | FIRST NAMED APPLICANT | ATTY. DOCKET NO. |
| 10/540,980 | Shinichi Terada | 2691-000022/US |

| |
|-------------------------------|
| INTERNATIONAL APPLICATION NO. |
|-------------------------------|

PCT/JP03/16918

| | |
|------------------|---------------|
| I.A. FILING DATE | PRIORITY DATE |
| 12/26/2003 | 12/27/2002 |

30593
HARNESS, DICKEY & PIERCE, P.L.C.
P.O. BOX 8910
RESTON, VA 20195

Miss Remy
4/14/2002

CONFIRMATION NO. 9530
371 FORMALITIES LETTER

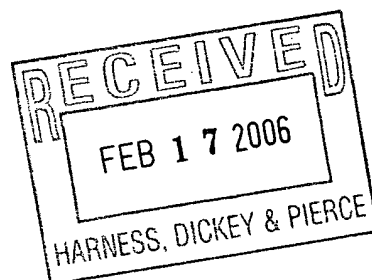


Date Mailed: 02/14/2006

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 06/27/2005
- English Translation of the IA filed on 06/27/2005
- Copy of the International Search Report filed on 06/27/2005
- Copy of IPE Report filed on 06/27/2005
- Preliminary Amendments filed on 06/27/2005
- Information Disclosure Statements filed on 06/27/2005
- Request for Immediate Examination filed on 06/27/2005
- U.S. Basic National Fees filed on 06/27/2005
- Priority Documents filed on 06/27/2005



The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice **MUST** be returned with the response.

JOHN L ANDERSON

Telephone: (703) 308-9140 EXT 211

PART 1 - ATTORNEY/APPLICANT COPY

| U.S. APPLICATION NUMBER NO. | INTERNATIONAL APPLICATION NO. | ATTY. DOCKET NO. |
|-----------------------------|-------------------------------|------------------|
| 10/540,980 | PCT/JP03/16918 | 2691-000022/US |

FORM PCT/DO/EO/905 (371 Formalities Notice)

Please type a plus sign (+) inside this box → +



IAP15 Rec'd PCT/PTO 09 AUG 2006

HDP/SB/21 based on PTO/SB/21 (08-00)

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

| | |
|------------------------|-----------------|
| Application Number | 10/540,980 |
| Filing Date | June 27, 2005 |
| Inventor(s) | Shinichi TERADA |
| Group Art Unit | Unassigned |
| Examiner Name | Unassigned |
| Attorney Docket Number | 2691-000022/US |

ENCLOSURES (check all that apply)

☒ Fee Transmittal Form

☒ Fee Attached

☐ Amendment

☐ After Final

☐ Affidavits/declaration(s)

☐ Extension of Time Request

☐ Express Abandonment Request

☐ Information Disclosure Statement

☐ Certified Copy of Priority Document(s)

☒ Response to Missing Parts/
Incomplete Application

☐ Response to Missing
Parts under 37 CFR
1.52 or 1.53

☐ Assignment Papers
(for an Application)

☐ Letter to the Official Draftsperson and
____ Sheets of Formal Drawing(s)

☐ Licensing-related Papers

☐ Petition

☐ Petition to Convert to a
Provisional Application

☐ Power of Attorney, Revocation
Change of Correspondence Address

☐ Terminal Disclaimer

☐ Request for Refund

☐ CD, Number of CD(s) ____

☐ After Allowance Communication to
Group

☐ LETTER SUBMITTING APPEAL
BRIEF AND APPEAL BRIEF (w/clean
version of pending claims)

☐ Appeal Communication to Group
(Notice of Appeal, Brief, Reply Brief)

☐ Proprietary Information

☐ Status Letter

☒ Other Enclosure(s)
(please identify below):

Declaration
Copy of Notification of Missing
Requirements

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm
or
Individual name

Harness, Dickey & Pierce, P.L.C.

Attorney Name
Donald J. Daley

Reg. No.
34,313

Signature

Donald J. Daley (4,646)

Date

August 9, 2006

FEE TRANSMITTAL for FY 2006

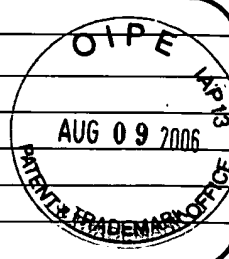
Effective 2/8/2006. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 1590.00

Complete if Known

Application Number 10/540,980
Filing Date June 27, 2005
First Named Inventor Shinichi TERADA
Examiner Name Unassigned
Art Unit Unassigned
Attorney Docket No. 2691-000022/US



METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number 08-0750

Deposit Account Name Harness, Dickey & Pierce, PLC

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments
☒ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|--------------|----------|--------------|----------|------------------------|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 1011 | 300 | 2011 | 150 | Utility filing fee | |
| 1012 | 200 | 2012 | 100 | Design filing fee | |
| 1013 | 200 | 2013 | 100 | Plant filing fee | |
| 1014 | 300 | 2014 | 150 | Reissue filing fee | |
| 1005 | 200 | 2005 | 100 | Provisional filing fee | |

SUBTOTAL (1)

(\$0)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Total Claims | Extra Claims | Fee from below | Fee Paid |
|------------------------------|--------------|----------------|----------|
| -20 ** = 0 | X | 0 | 0 |
| Independent Claims -3 ** = 0 | X | 0 | 0 |
| Multiple Dependent | | | 0 |

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|--------------|----------|--------------|----------|------------------------------------------------------------|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 1202 | 50 | 2202 | 25 | Claims in excess of 20 | |
| 1201 | 200 | 2201 | 100 | Independent claims in excess of 3 | |
| 1203 | 360 | 2203 | 180 | Multiple dependent claim, if not paid | |
| 1204 | 200 | 2204 | 100 | ** Reissue independent claims over original patent | |
| 1205 | 50 | 2205 | 25 | ** Reissue claims in excess of 20 and over original patent | |

SUBTOTAL (2)

(\$0)

1590.00 DP

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|--------------|----------|--------------|----------|----------------------------------------------------------------------------|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath | |
| 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 1053 | 130 | 1053 | 130 | Non-English specification | |
| 1812 | 2,520 | 1812 | 2,520 | For filing a request for reexamination | |
| 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action | |
| 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action | |
| 1251 | 120 | 2251 | 60 | Extension for reply within first month | |
| 1252 | 450 | 2252 | 225 | Extension for reply within second month | |
| 1253 | 1020 | 2253 | 510 | Extension for reply within third month | |
| 1254 | 1,590 | 2254 | 795 | Extension for reply within fourth month | 1590 |
| 1255 | 2,160 | 2255 | 1080 | Extension for reply within fifth month | |
| 1401 | 500 | 2401 | 250 | Notice of Appeal | |
| 1402 | 500 | 2402 | 250 | Filing a brief in support of an appeal | |
| 1403 | 1000 | 2403 | 500 | Request for oral hearing | |
| 1452 | 500 | 2452 | 250 | Petition to revive - unavoidable | |
| 1453 | 1500 | 2453 | 750 | Petition to revive - unintentional | |
| 1462 | 400 | 1462 | 400 | Petition fee under 37 CFR 1.17(f) | |
| 1463 | 200 | 1463 | 200 | Petition fee under 37 CFR 1.17(g) | |
| 1464 | 130 | 1464 | 130 | Petition fee under 37 CFR 1.17(h) | |
| 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17 (q) | |
| 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt | |
| 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | |
| 1809 | 790 | 2809 | 395 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 1810 | 790 | 2810 | 395 | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 1801 | 790 | 2801 | 395 | Request for Continued Examination (RCE) | |

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$0)

4. SEARCH/EXAMINATION FEES

| | | | | | |
|------|-----|------|-----|-------------------------|--|
| 1111 | 500 | 2111 | 250 | Utility Search Fee | |
| 1112 | 100 | 2112 | 50 | Design Search Fee | |
| 1113 | 300 | 2113 | 150 | Plant Search Fee | |
| 1114 | 500 | 2114 | 250 | Reissue Search Fee | |
| 1311 | 200 | 2311 | 100 | Utility Examination Fee | |
| 1312 | 130 | 2312 | 65 | Design Examination Fee | |
| 1313 | 160 | 2313 | 80 | Plant Examination Fee | |
| 1314 | 600 | 2314 | 300 | Reissue Examination Fee | |

SUBTOTAL (4) (\$0)

SUBMITTED BY

| Name (Print/Type) | Donald J. Daley | Registration No. (Attorney/Agent) | 34,313 | Telephone | (703)668-8000 |
|-------------------|------------------------|-----------------------------------|--------|-----------|----------------|
| Signature | <i>Donald J. Daley</i> | | | Date | August 9, 2006 |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.